

Ser. No. 10/767,759  
Amdt. Dated August 4, 2005  
Reply to Office action of April 4th, 2005

PF030012

**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of the Claims**

1 (currently amended) – A broadband antenna with omnidirectional radiation comprising, perpendicular to an earth plane, a first circular or semicircular monopole, and at least a second circular or semicircular monopole, the first and second monopoles being nested with respect to one another in such a way as to have a common diameter, wherein said monopoles are nested in such a way that the angles between two monopoles are different from 90°.

2 (currently amended) [Antenna according to Claim 1, wherein it comprises] A broadband antenna with omnidirectional radiation comprising, perpendicular to an earth plane, N semi-circular monopoles, the N semi-circular monopoles being nested with respect to one another in such a way as to exhibit a common diameter.

3 – (cancelled)

4 – (currently amended) The antenna [s] according to claim 2, wherein the N semi-circular monopoles make equal angles between themselves.

5 – (currently amended) The antenna [s] according to Claim 4, wherein the value of the angle between two [half] semi-circular monopoles is equal to  $180^\circ/N$  where N is the number of monopoles.

6 – (cancelled)

7 – (currently amended) The antenna [s] according to Claim 2, wherein the N semi-circular monopoles are nested in such a way that the angles between [two half discs] the monopoles are unequal.

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8 – (currently amended) The antenna [s] according to claim 1, [wherein it]  
further [comprises] comprising a reflector plane.

9 – (currently amended) The antenna [s] according to claim 2, [wherein it]  
further [comprises] comprising a reflector plane.